

# REPORT OF PRESIDENT

From its founding in 1988 by a visionary Act of the General Assembly on the initiative of Governor Carroll Campbell and businessman Charles W. Coker, Sr., GSSM has served as a portal through which talented students from throughout South Carolina have embarked on a lifetime of exploration, discovery and growth. The mission of this unique school emphasizes developing the scientifically astute and ethically aware leaders needed for our expanding knowledge-based economy. This year, we concentrated on preparing to complete our new campus while continuing to celebrate the accomplishments of our students and faculty.

GSSM's curriculum is second to none in the state in its scope, depth and challenge, most notably in science and math, but also in the humanities. Our students continue to perform at the highest levels in both our Residential and Outreach programs, with minor annual variations, reflecting the individual talents of these remarkable young people. The significant achievements of the students in residence in Hartsville (1365 average SAT, highest in the state; \$7.9 million in scholarship offers to 60 seniors; the average student completed more than four Advanced Placement tests, with an 86% pass rate) are crowned by their completion of a mentored individual research project at one of South Carolina's research universities or industrial laboratories.

Appropriate emphasis on extracurricular activities for all students (82% participated in varsity sports) continues to build strong school spirit. Soccer, volleyball, swimming, tennis, and cross-country teams advanced to the state playoffs, as did track, including the state champion one-and two-mile boy runner.

Students serve their community and school by working 83 hours each year, supplementing instruction on ethics and character development. Perhaps best of all, students report great satisfaction from forming "friendships for life".

GSSM's Outreach shares exemplary programs statewide to improve science achievement. Building on the just-completed federal GEAR UP program, we opened a new partnership with ScienceSouth to provide standards-based science instruction for disadvantaged middle-schoolers. Our Summer Science Program encouraged 9<sup>th</sup> and 10<sup>th</sup> graders to explore "real" science, math and computer science.

The move to our new campus provides a highly visible affirmation of South Carolina's commitment to excellence in education. We expect to receive funding in the coming year to complete the campus and enter a new phase of growth, doubling our enrollment and revamping our curriculum in advanced technology.

Murray W. Brockman, President

## EVALUATIONS BY STUDENTS, TEACHERS, AND PARENTS

	Students	Teachers	Parents
Number of surveys returned	63	14	46
Satisfied with learning environment	90.5%	100%	95.7%
Satisfied with social and physical environment	88.9%	100%	89.1%
Satisfied with school-home relations	86.4%	100%	82.6%

\*11<sup>th</sup> grade students and parents were surveyed.

## South Carolina Governor's School for Science and Mathematics

401 Railroad Avenue, Hartsville, SC 29550

Website: [www.scgssm.org](http://www.scgssm.org)

Grades 11-12

Enrollment 128 Students

President Dr. Murray W. Brockman 843-383-3900

Board Chair Dr. Raymond S. Greenberg 843-792-2211

## THE STATE OF SOUTH CAROLINA 2006 ANNUAL SCHOOL REPORT CARD

### ABSOLUTE RATING EXCELLENT

The school's performance substantially exceeded the standards for progress toward the 2010 SC Performance Goal.

### IMPROVEMENT RATING EXCELLENT

The school's improvement rating was Excellent because of maintenance of Excellent absolute status.

### ADEQUATE YEARLY PROGRESS YES

Definition: As required by the United States Department of Education, adequate yearly progress specifies that the statewide target is met for all students and for each subgroup of students: racial/ethnic, economic, disability, limited English proficiency and migrant status.

### SOUTH CAROLINA PERFORMANCE GOAL

By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the fastest improving systems in the country.

# South Carolina Governor's School for Science and Mathematics

## PERFORMANCE TRENDS OVER 4-YEAR PERIOD

Year	Absolute Rating	Improvement Rating	Adequate Yearly Progress
2003	Excellent	Excellent	N/A
2004	Excellent	Excellent	Yes
2005	Excellent	Excellent	Yes
2006	Excellent	Excellent	Yes

## DEFINITIONS OF SCHOOL RATING TERMS

- Excellent – School performance substantially exceeds the standards for progress toward the 2010 SC Performance Goal
- Good – School performance exceeds the standards for progress toward the 2010 SC Performance Goal
- Average – School performance meets the standards for progress toward the 2010 SC Performance Goal
- Below Average – School is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal
- Unsatisfactory – School performance fails to meet the standards for progress toward the 2010 SC Performance Goal

PERFORMANCE CRITERIA	DATA
Advanced Placement (AP) Pass Rate	86.3%
Graduates' College Freshman GPA (In-state Colleges)	3.70
SAT Average (High Verbal/High Math)	1365

## AP TEST SCORE DISTRIBUTION

Score	5		4		3		2		1		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Students	49	19%	87	33%	90	34%	29	11%	7	3%	262	100%

## COLLEGE FRESHMAN GPA

GPA	3.5-4.0		3.3-3.5		3.1-3.3		2.9-3.1		<2.9		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Students	19	73%	2	8%	2	8%	1	4%	2	8%	26	100%

## SAT SCORES

	Middle 50%				Range			
SAT Critical Reading	620		730		510		800	
SAT Math	650		740		490		800	

## A Special Note on Performance

Every student at Governor's School completes a research course requirement that is a distinctive learning and maturing experience. Senior research begins with at least six full weeks of research in the summer following the junior year. Most of the students conduct their research at university or industrial research facilities under the mentorship of professional scientists or engineers. Students work with their research mentors and Governor's School advisors during the senior year to compile and analyze their research findings, prepare formal research papers, and present their work at a school-sponsored colloquium and at the SC Junior Academy of Science annual meeting.

## END OF COURSE TESTS

N/A

Abbreviations for Missing Data

N/A Not Applicable N/AV Not Available N/C Not Collected N/R Not Reported I/S Insufficient Sample

# South Carolina Governor's School for Science and Mathematics

## SCHOOL PROFILE

	Our School	Change from Last Year
<b>STUDENTS (n 128)</b>		
Retention rate	0	Same
Attendance rate	98.3%	Down from 99.1%
With disabilities other than speech	0	Same
Older than usual for grade	0	Same
Out-of-of school suspensions or expulsions for violent &/or criminal offenses	N/A	Same
Annual dropout rate	N/A	Same
Students in residence	128	Same
National Achievement Semifinalists/Finalists	0%/0%	Down from 50%/50%
Seniors Completing Science Research Project	100%	Same
Community Service-hr./student	83	Same
Graduating attending college	100%	Same
Seniors eligible for LIFE Scholarship	100%	Same
Total scholarship offered	\$7,920,170	Down from \$8,712,921
Number of seniors	60	Down from 62
National Merit Semifinalists/Finalists	7%/7%	Down from 16%/16%
<b>TEACHERS (n=14)</b>		
Teachers with advanced degrees	100%	Same
Percent of classes not taught by highly qualified teachers	N/R	
Teachers with emergency or provisional certificates	N/A	N/C
Teachers returning from previous year	100%	Up from 93%
Teacher attendance rate	98.6%	Up from 98.1%
Average salary	\$57,564	Up from \$55,649
Professional development days per teacher	6	Same
Teachers with Doctorates	79%	Same
Years teaching experience-middle 50%	14 to 32	Up from 13 to 31
<b>SCHOOL</b>		
President's years at the school	5	Up from 4
Student-teacher ratio in core subjects	10 to 1	Same
Prime instructional time	96.2%	Down from 97.2%
Percent of expenditures for instruction	N/R	
Dollars spent per pupil	\$15,186 <sup>a</sup>	Up from \$12,958
Percent of expenditures for teacher salaries	59.1%	Down from 60.8%
Opportunities in the arts	N/A	Same
Parents attending conferences	55.1%	Up from 38.5%
SACS accreditation	N/A	Same
University/Industrial Partners in Research Mentor Program	12	Down from 16
Mentors in Research Program	67	Down from 70
Student clubs and organizations	39	Same
Students active in clubs/societies	98%	Down from 99%
Varsity sports teams	9	Same
Students participating in varsity sports	82%	Same
Students returning to home high school	3.9%	Same
Outreach to other schools:		
Middle school students in Saturday Academies	N/A <sup>b</sup>	Final yr: 685
Students in Summer Science Program (SSP)	278	Up from 259
University Partners in SSP	10	Up from 9
6 week summer research positions for other HS	12	Down from 13

<sup>a</sup> Costs for academic program including summer research, but not residential life.

<sup>b</sup> Multi-year program completed. Funding: S.C. GEAR UP grant from U.S. Dept. of Ed.

Abbreviations for Missing Data

N/A Not Applicable N/AV Not Available N/C Not Collected N/R Not Reported I/S Insufficient Sample